IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	
Jun KOYAMA et al.)	New Applications
Based On: JP 2003-108667)	
Filed: April 14, 2003)	
For: D/A CONVERTER CIRCUIT,)	
SEMICONDUCTOR DEVICE)	
INCORPORATING THE D/A	.)	
CONVERTER CIRCUIT, AND)	
MANUFACTURING METHOD OF)	
THEM)	

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

U.S. Patent Application Publication No. 2002/0163457; U.S. Patent Nos. 6,420,988 and 6,606,045 are in the family of Japanese Patent Laid-Open No. 2000-341125.

Respectfully submitted,

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE				Complete if Known	
			LOSURE	Application Number	
STATEMENT BY APPLICANT		Filing Date	April 14, 2004		
		First Named Inventor	Jun KOYAMA et al.		
(use as many sheets as necessary)	Group Art Unit				
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	0756-7282

U.S. PATENT DOCUMENTS					
Examiner Cite Initials No. 1		U.S. Patent Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)	Document	MM-DD-1111	
		2002/0163457	Azami et al.	11/07/2002	
•		6,420,988	Azami et al.	07/16/2002	
		6,606,045	Azami et al.	08/12/2003	
		6,380,876	Nagao	04/30/2002	
		2001/0017618	Azami	08/30/2001	
_		6,512,469	Azami et al.	01/28/2003	
		6,693,616	Koyama et al.	02/17/2004	
		2001/0010512	Azami	08/02/2001	
		2001/0048408	Koyama et al.	12/06/2001	
		6,096,581	Zhang et al.	08/01/2000	
		5,432,122	Chae	07/11/1995	
		5,365,875	Asai et al.	11/22/1994	
		5,413,958	Imahashi et al.	05/09/1995	,
		5,589,406	Kato et al.	12/31/1996	

FOREIGN PATENT DOCUMENTS							
	Cite No.	Foreign Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Office ³	Kind Code ⁵ Number ⁴ (if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear	T ⁶
	1	JP	2000-341125		12/08/2000		Abst.
		JP	2000-138586		05/16/2000		Abst.
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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